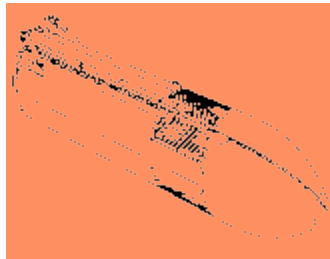


- Excerpt of Full Report -

This document contains excerpts from the SLWT Independent Assessment Report (title page shown below). Only those sections which relate to the PBMA element **Pre-Ops Integration and Test** are displayed.

The complete report is available through the PBMA web site, Program Profile tab.

**Space Shuttle Super Lightweight Tank  
(SLWT)  
Independent Assessment  
of Risk Management Activities**



NASA Office of Safety and Mission Assurance  
December 12, 1997

## **1.4 SLWT Safety and Risk Management Activity**

### **Operations Readiness Reviews / Test Readiness Reviews**

Michoud Space Systems' Operational Readiness Inspection (ORI) program verifies the readiness of flight or test articles, facilities, tooling, procedures, and personnel to perform their specified operations. The ORI process is a formalized verification that any critical or potentially hazardous operation is ready to proceed. ORI reviews examine lessons learned, personnel qualifications, and training, and demonstrate process capabilities and most importantly process failure modes. The ORI process also serves to verify implementation of process fail-safing measures and other failure (and defect) prevention activities. The Test Readiness Review is a closely related preparatory exercise that works hand-in-hand with the ORI to assure the readiness of specific test program activities.